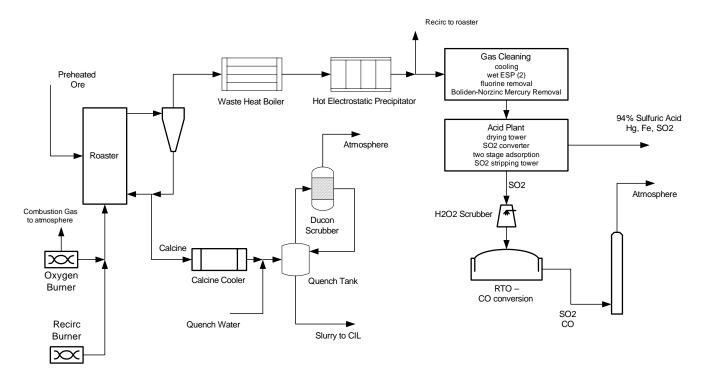
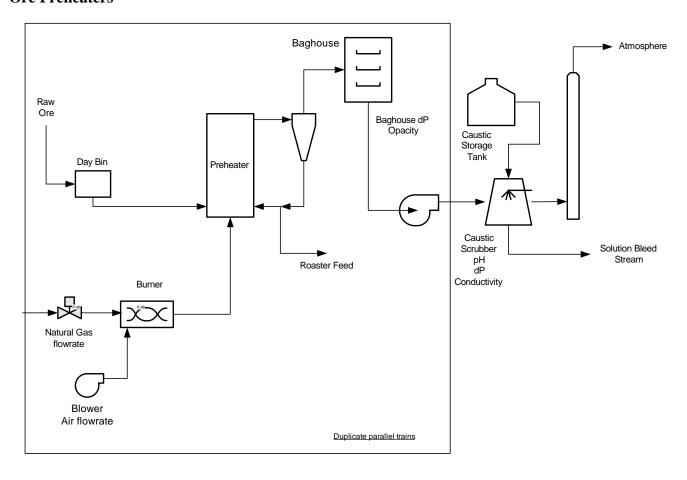


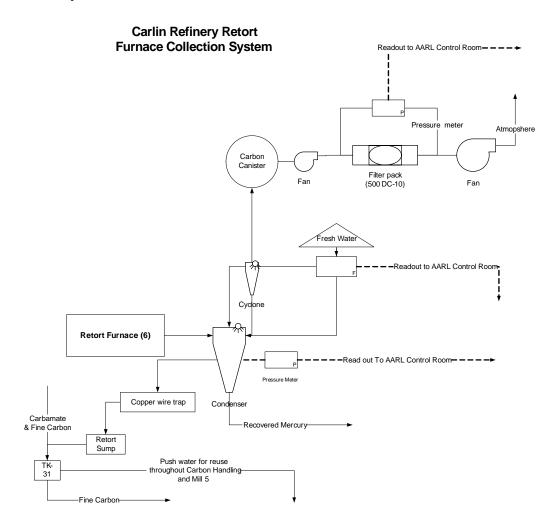
Newmont Mining Corporation-Gold Quarry Operations Area Ore Roaster



Newmont Mining Corporation-Gold Quarry Operations Area Ore Preheaters



Newmont Mining Corporation-Gold Quarry Operations Area Mercury Retorts



Canister Internals

-150 lb Sulfur impregnated carbon - Carbon replace every 3 months or when experiencing vacuum problems .

Filterpack Internals

- -12 (4-high, 3-deep), 2"x2"x24" paper cloths -12 (4-high, 3-deep), 15"x24"x24" rated as 95% Hg Remediation Filters as rated by Manufacturer -4-high, 3-deep, 1"x24"x24 ½" angularly stacked "carbon pack" with 3"x48" suffur impregnated Carbon filling.
- -12 (4-high , 3-deep) , 4"x24"x24" paper filters 24x24x12 filter bags

Interlocks

Insufficient Vacuum at condenser Fan Failures

Alarms

High/Low Pressure drop across Filter pack

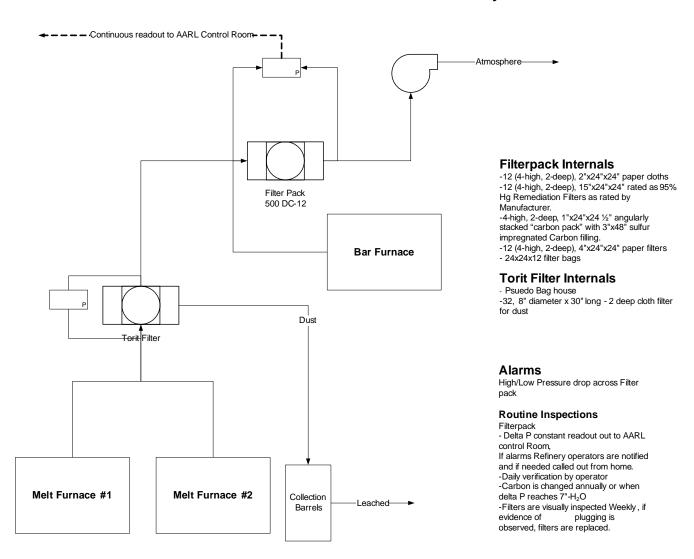
Routine Inspections

Filterpack

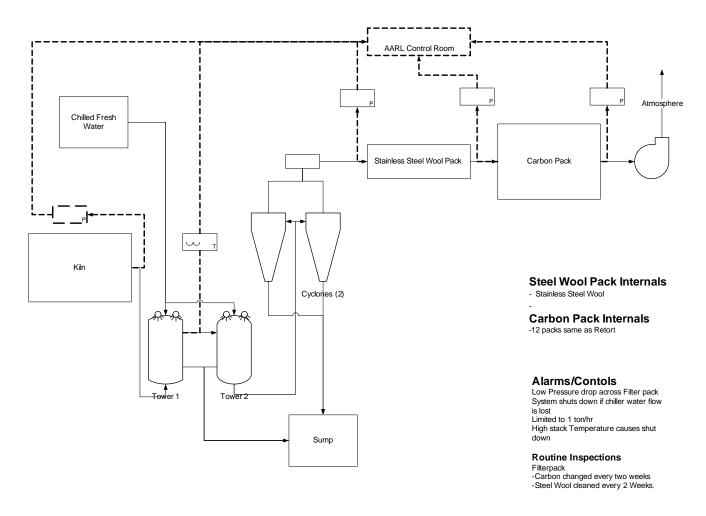
- Delta P constant readout out to AARL control Room
If alarms Refinery operators are notified and if
needed called out from home
- Daily verification by operator
- Carbon is changed annually or when delta P reaches
3"-H₂O
-Filters are visually inspected Weekly, if evidence of
plugging is observed, filters are
replaced.

Newmont Mining Corporation-Gold Quarry Operations Area Furnaces

Carlin Refinery Furnace Scrubbers

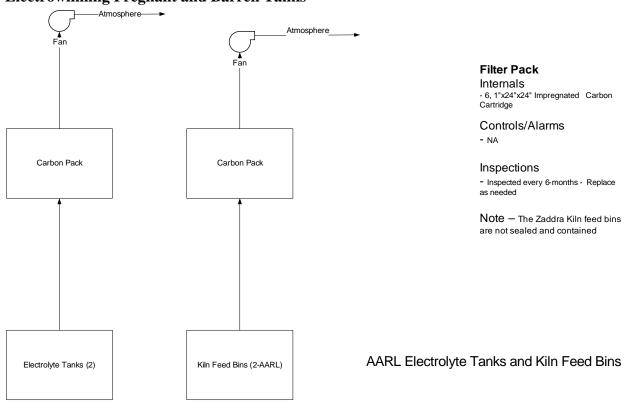


Newmont Mining Corporation-Gold Quarry Operations Area Carbon Kilns

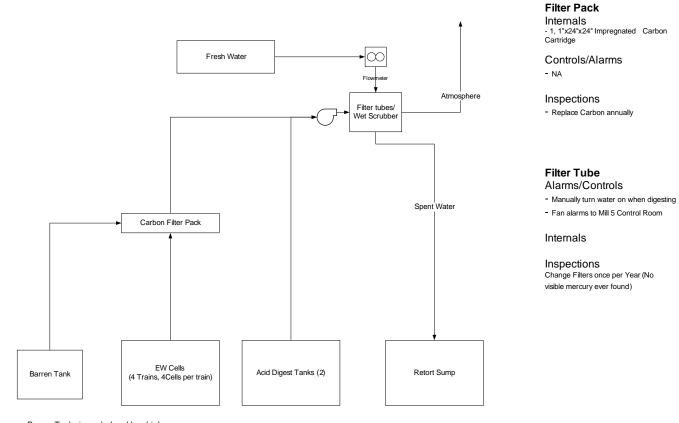


Carlin AARL and Zaddra Kiln Scrubbers

Newmont Mining Corporation-Gold Quarry Operations Area Electrowinning Pregnant and Barren Tanks



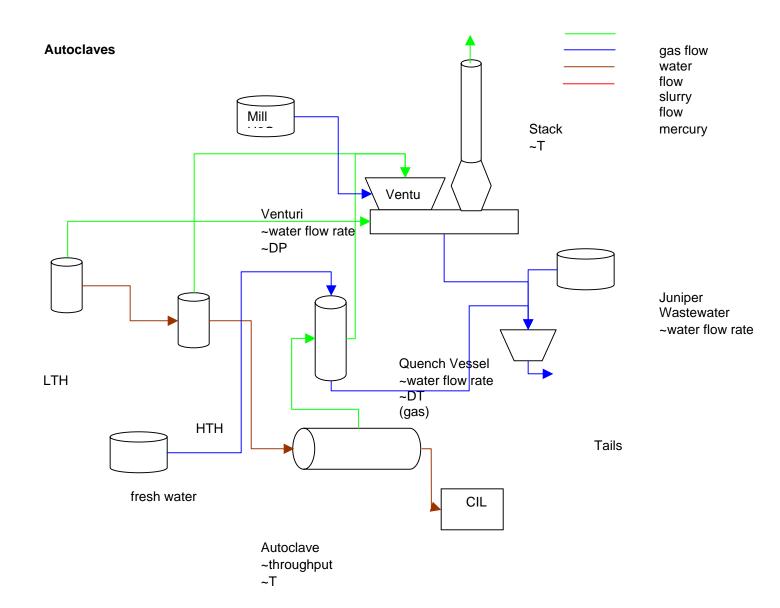
Newmont Mining Corporation-Gold Quarry Operations Area Electrowinning Tanks



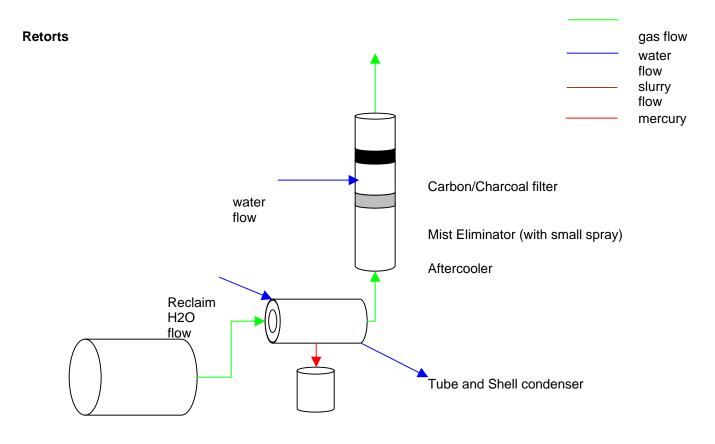
Barren Tanks is sealed and has high level alarm that reports to AARL control Panel If it Overflows the solution is collected in a Floor sump that pumps floor sump pumps to 500 TK-44 which pumps to Mill 6 CIL Circuit

Carlin Refinery Acid Scrubber

Newmont Mining Corporation-Twin Creeks Mine Autoclaves, Phases 1+2



Newmont Mining Corporation-Twin Creeks Mine Retorts

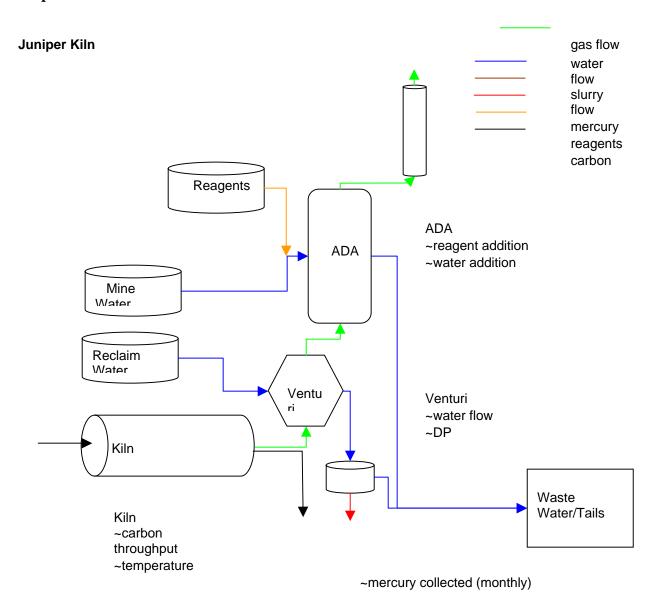


mercury collected

Retort

- ~temperature
- ~batch size (mercury concentration)

Newmont Mining Corporation-Twin Creeks Mine Juniper Kiln



Newmont Mining Corporation-Twin Creeks Mine Juniper Induction Furnaces

